First & final.

BR-7444 29/12/16

SBR - 214/16-17, dt. 5/12/16

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work: Improvements to roads & drains at Sahakaranagara B, C & D blocks in ward no.8, Kodigehalli area division						
	Estimate cost: Rs. 49.00 lakhs.						
	H/A: P3075, Job code: 008-15-000075						
	AS No. BSMP/IC/YNK/PR/73/15-16 dtd. 31.12.2015						
	TS No. BSMP/EE/YNK/PR/79/15-16 dtd. 31.12.2015.						
	Modified ASO No. BSMP/EE/ASP/NO/RS/2016-17 dtd. 21-09-2016.						
	Measurement recorded on: 12-11-2016						
1)	Earthwork excavation by manual means in ordinary soil, excavated surface levelled & sides neatly dressed, disposed earth to be levelled after leaving pedestrian paths etc complete as directed. Qty vide item no. (1) of page 194576					368.55 cum	
						Limited to 363.38 cum	
						@ Rs. 80/- = Rs.	29071.00
19)	Lead for disposal of debris shall be payable at carriage rate by mechanical means as directed. Qty vide item no (19) of page 194576					313.26 cum	
						Limited to 308.88 cum	
						@ Rs. 70/- = Rs.	21621.00

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	3
4)	Removing Rs of slabs & dra Qty vide item No(4) of pape	
5)	Refixing of slabs & dr as directed. Qty vide item no.(5) of	
6)	Providing granite slabs dressed & fixed in CM 1:6 Qty vide item no.(6) of	

SBR - 214/16-17,
dt. 5/12/16

OOK

adth 5	Depth 6	Contents 7	Reference to last Measurement 8
e drains at Sahakaranagara B, C &			
0.8, Kodigehalli area Division			
8-15 - 000 to 25			
. 31. 12. 2015			
d. 31.12.2015,			
25/2016-17 dt. 21-09-2016.			
om: 12-11-2016			
n ordinary and			
ually dressed			
g do do do			
- - - -		368.55 cum	
Limited to		363.38 cum	
- - -		- - Rs.	29070.00
			=
bayath at			
directed.			
- - -		313.26 cum	
imited to		308.88 cum	
- - - -		- - = Rs	21621.00
			=

194571

M.A.R. 57 (Rule 116)

Measurement Book No. A/10

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
4)	Removing Rs of slab & dry rubble stacking as directed. Qty vide item No(4) of page 194576	drain			Limited to	330.00 ~~330.00~~ 384.00 = Rs.	Sqm Sqm 19440.00 =
					@ Rs. 60/-		
5)	Refixing of slabs of drains & pointing in CM 1:3 as directed. Qty vide item No.(5) of page 194577				Limited to	964.00 259.20 = Rs.	Sqm Sqm 19440.00 =
					@ Rs. 75/-		
6)	Providing granite slabs of selected quality roughly dressed & fixed in CM 1:6 as directed. Qty vide item No.(6) of page 194577				Limited to	66.00 ~~64.00~~ = Rs.	Sqm Sqm 51192.00 =
					@ Rs. 790/-		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
14)	Providing & constructing precast concrete solid blocks with compressive strength not less than 3.5 N/sqmm with CM 1:6 masonry with solid blocks of size 400x200x200 mm Material labour charges & all other complete.						
	Qty vide Item No. (14) of page 194577					842.72 Sqm	
	Qty upto 125% of tender Qty @ Rs. 1000/-					648.75 Sqm = Rs.	648750.00
	Qty Above 125% of tender Qty (842.72 - 648.75) limited to @ Rs 964.67/-					175.97 Sqm 157.65 Sqm = Rs.	152080.00
15)	providing & fixing precast solid cement concrete kerb stones made out of CC 1:2:4 & finished in CM 1:3 & complete as directed.						
	Qty vide item No. (15) of page 194578 limited to @ Rs. 350/-					2291.00 Nos. 2240.00 Nos. = Rs.	784000.00
7)	providing & laying in position PCC of Mix 1:4:8 with OPC cement @ 180kg/cum with 40mm size aggregate CA @ 0.85 cum, FA @ 0.57 cum, Machine Mixed, concrete laid in layers well compacted, cost of all Material etc complete.						

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Numbe
1	2	3
	Qty vide item No. (7) of	page
10)	Providing & laying in with cement @ 240 kg/cum, FA @ 0.45 cum, in layers not exceeding in foundation cost of Total Qty vide item No. (10) of	
	Qty upto 125%.	
	Qty above 125%.	

Depth 6	Contents 7	Reference to last Measurement 8
id Block with M with CM 1:6 00 cm cost of all		
- -	884.72 Sqm	
Qty - -	648.75 Sqm	
- -	= Rs.	648750.00
648.75	175.97 Sqm	
d to	157.65 Sqm	
/ - - -	= Rs.	152080.00
ncrete kerb CM 1:3		
- - -	2291.00 Nos.	
ed to	2240.00 Nos.	
- -	= Rs.	84,000.00
8 with CC .85cm, & layers		

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M.A.R. 57 (Rule 116)

Measurement Book No. A/10 194572

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty vide item No.(7) of	Page 194578				61.84 cum	
			Limited To			60.48	
			@ Rs. 5000/-			= Rs.	3024000.00
10)	Providing & laying in position PCC of Mix 1:2:4 with cement @ 240 kg per cum, fA @ 0.85 per cum, machine mixed concrete laid in layers not exceeding 150 mm thick, well compacted in foundation cost & all leads as directed.						
	Total Qty vide item No. (10) of	Page 194579				92.76	cum
	Qty upto 125% of		tender quantity			4.05	cum
			@ Rs. 5400/-			= Rs.	21870.00
	Qty above 125% of		tender quantity (92.76 - 4.05)			88.71	cum
			Limited to			86.67	cum
			@ Rs. 52000.81/-			= Rs.	4507554.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
16)	Providing & laying/fixing cement base, precast, pre-polished cement Cassette, designer tiles 25mm thick for flooring heavy duty tiles finished in CM 1:3, Cost & all materials labour etc complete						
	Left side from 60/t road from 12M Main towards Kodipchelli main road						
	from 12M to 11M Main	1	28.30	0.60	-	16.98	Sq M
	from 11M to 10M Main	1	36.50	0.60	-	21.90	"
	from 10M to 9M Main	1	33.00	0.60	-	19.80	"
	from 9M to 8M Main	1	46.00	0.60	-	27.60	"
	from 8M to 7M Main	1	34.00	0.60	-	20.40	"
	from 7M to 4M Main	1	116.00	0.60	-	69.60	"
	from 4M to 3rd Main	1	29.00	0.60	-	17.40	"
	from 3rd Main to 2nd	1	193.00	0.60	-	115.80	"
	from Kodipchelli Main road to 12M Main road						
	from Main road to 6M Main	1	279.00	0.60	-	167.40	Sqm
	from 6M to 7M Main road	1	33.50	0.60	-	20.10	"
	from 7M to 8M Main	1	40.50	0.60	-	24.30	"
	from 8M to 9M Main	1	45.10	0.60	-	27.06	"
	from 9M to 12M Main	1	117.00	0.60	-	70.20	"
					Total	618.54	Sq M
					Limited To	604.80	to
				@ Rs.	1056.93/-	- = Rs.	639231.00 =

EC. 1 Ok 1.9.12

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Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	
17)	Providing & laying in position aggregates consisting of the following including centering & shuttering in layers not exceeding cost & all materials complete	
	Left side from 12M Main towards	
	from 12M to 11M Main road	
	from 11M to 10M Main road	
	from 10M to 9M Main road	
	from 9M to 8M Main road	
	from 8M to 7M Main road	
	from 7M to 4M Main road	
	from 4M to 2nd Main road	
	from 3rd to Main road	
	Right side from [illegible] Main road to 6M Main	

Depth 6	Contents 7	Reference to last Measurement 8
t, pre- trick 1:3,		
de main ro		
-	16.98	Sq M
-	21.90	"
-	19.80	"
-	27.60	"
-	20.40	"
-	69.60	"
-	17.40	"
-	115.80	"
-	167.40	Sqm
-	20.10	"
-	24.30	"
-	27.06	"
-	70.20	"
Total	618.54	Sqm
To	604.80	Sq
-	- = Rs.	639231.00 =

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 194573

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
17)	Providing & laying in position RCC M20 Mix with Stone aggregates down side for slab excluding Steel reinforcement including centering & shuttering Machine mixed, cement laid in layers not exceeding 15cm thick well compacted, cast & all labours curing etc complete as directed.						
	Left side from 12M Main towards Kodigehalli Main road to left road.						
	from 12M to 11M Main road	1	28.30	0.90	-	25.47	Sqm
	from 11M to 10M Main road	1	36.50	0.90	-	32.85	"
	from 10M to 9M Main road	1	33.00	0.90	-	29.70	"
	from 9M to 8M Main road	1	46.00	0.90	-	41.40	"
	from 8M to 7M main road	1	34.00	0.90	-	30.60	"
	from 7M to 4M Main road	1	116.00	0.90	-	104.40	"
	from 4M to 2nd Main Road	1	29.00	0.90	-	26.10	"
	from 3rd to Main road	1	193.00	0.90	-	173.70	"
	Right side from Kodigehalli Main road towards 12M Main Main road to 6M Main	1	279.00	0.90	-	251.10	"

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Near 6M to 7M Main road	1	33.50	0.90	-	30.15	Sqm
	Near 7M to 8M Main road	1	40.50	0.90	-	36.45	"
	Near 8M to 9M Main road	1	45.10	0.90	-	40.59	"
	Near 9M to 12M Main road	1	117.00	0.90	-	105.30	"
					Total	927.84	Sqm.
					Limited to	901.20	Sqm
				@ Rs. 1500/-		= Rs.	13,68,800.00
					Total Bill Amount =	Rs.	~~45,00,649.00~~ 44,79,029-00

C&R
19/11/16

Certificate:
The work has been completed satisfactorily & there are no departmental issues to this work.

12/11/16

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

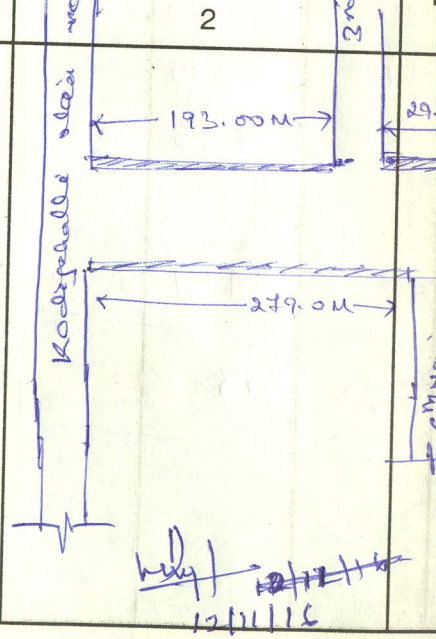
Serial No.....

Name of work.....

Name of Contractor of nature of Agency.

Date of commencement of work.....

Date	Full description, etc, of work
1	2



T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
0.90	-	30.15	Sqm
0.90	-	36.45	"
0.90	-	40.59	"
0.90	-	105.30	"
	Total	927.81	Sqm.
Limited to		901.20	Sqm
00/-	- - -	- - = Rs	13,60,800.00
Total Bill Amount = Rs			45,00,629.00
			44,79,029-00
yleted satisfactorily as			
ds to my work.			

12/11/16

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 194574

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Kodigehalli Main Road		193.00 M				
			279.0 M				
		29.0	116.0	34.0	46.10	33.0	36.5 / 28.3
				33.50	40.50	45.10	147.0 M

60 feet Road Sahakaranagar.

Drain and footpath Improvements

Drawing not to scale.

12/11/16

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Total Rs: 447902 7-00	
						ST - 44790-00	
						VAT - 179161-00	
						Cess - 44790-00	
						CBF - 4479-00	
						LR - 67185-00	
						Adj. 340405-00	
						Cheque: 4138,622-00	

Yelahanka -

Pre-Measure

Serial No..... Improvement
B, C & D

Name of work.....

Name of Contractor of nature

Date of commencement of wo

Date	Full description, etc, o
1	2
	Estimate cost:
	AS No. BBMP/IC
	TS No: BBMP/SE
	WO No: BBMP/EE
	1) Earthwork excav soil, excavated dressed, disposed breaking of clo Drain desilting Left side from 12M from 12M to 11M Nos from 11M to 10M Nos from 10M to 9M Nos